

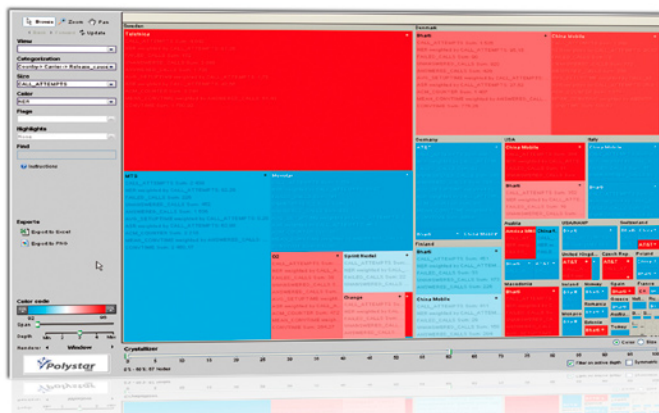


Polystar OSIX is a telecommunication supplier, providing world-class service assurance solutions to the leading telecom manufactures, operators and service providers worldwide. Polystar OSIX delivers solutions that provide real-time visibility into the reality of operators' network quality and their customers' experience. OSIX empowers network owners — be it for fixed, VoIP, NGN or mobile networks — to make business-critical decisions with speed and accuracy. The company's products help its customers increase revenue and reduce income shortfalls. Their total scalable solutions enable customers of all shapes and sizes to benefit from the products. The core idea is to extract information directly from the telecom links, process it, and present it in customer-defined formats.

**Visualization supports service assurance for telecommunications networks**

Every day, the information we need to handle grows more complex, with an increased need for rapid analysis and digestion of large amounts of data. This is especially true in the telecom industry, where there is a growing demand for simultaneous analysis of large amounts of complex data and management of real-time information feeds. Polystar's Crystallizer module caters to this demand with state-of-the-art 4D visualization technology.

The Polystar OSIX service assurance solution leverages signaling analysis and packet inspection technology to deliver real-time operational intelligence, spanning from high-level application and conversation flow information all the way down to actual packets, enabling service providers to improve their network and service quality with advanced performance monitoring.



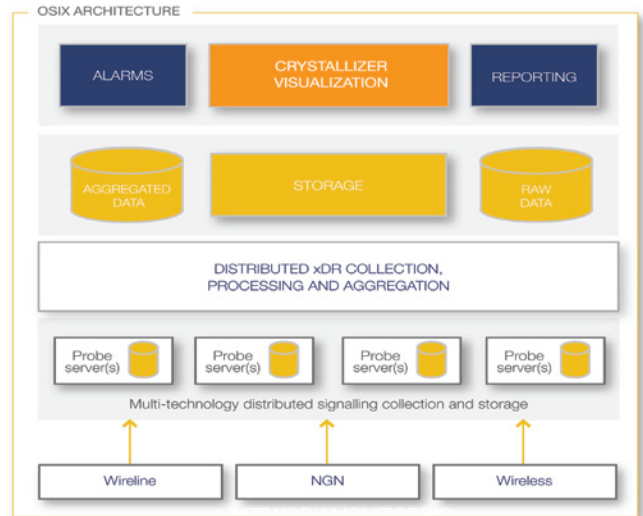
The Crystallizer uses an interactive treemap visualization to help operators quickly see network issues before they affect revenue. The multi-colored mosaic of rectangular fields is based on data from the user's network. The size of a field reflects its importance and the color reflects its urgency — the better the quality of network performance, the bluer the field; the worse, the redder. The large deep red and deep blue fields immediately attract attention.

**End-to-end view of telecoms network performance**

Polystar OSIX's network monitoring and associated surveillance applications are primarily used by network operators to ensure the availability of network resources, such as network elements and trunk availability. An end-to-end network view gives operators an immediate view of the network health, and also gives them the ability to drill down — from key performance indicators

right down to the bits and bytes of the transmitted network data — for all kinds of activities and services, be it voice, SMS, video, movements, service activations, and so on.

In short, the Crystallizer visualization can be described as a jigsaw puzzle, where each rectangle represents one item of data. Where traditional diagrams can display one or sometimes two variables at a time, Crystallizer always displays three. The user decides which variables to display. The user interface dynamically reacts to real-time changes in the underlying data, and immediately reflects all user selections.



**The OSIX Crystallizer Visual Business Intelligence module is a key component in the OSIX network monitoring system for fixed line, VoIP, NGN or mobile network operators.**

**Web-based visualization module developed with Panopticon Enterprise**

Polystar OSIX used Panopticon Enterprise to produce their Crystallizer Visual Business Intelligence software product. The Crystallizer is a state-of-the-art 4D visualization technology that helps operators rapidly analyze and digest large amounts of data. The Crystallizer uses our interactive treemap technology to show users what is really happening in their networks.

Polystar's Crystallizer is the only product on the market which provides a scalable analytic view of network performance. This provides Polystar with a fantastic selling point and helps its telecommunications customers operate much more efficiently.

**More Information**

For more information about how you can embed Panopticon visual business intelligence tools into your own applications, contact:

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